K 160 XL sileo

Article number: 25365

Variant : 230V 1~ 50Hz

Description

- Speed-controllable
- Quiet-running
- Increased efficiency
- Integral thermal contacts
- Can be installed in any position
- Can be installed outdoors
- Maintenance-free and reliable

The K Sileo series is designed for installation in ducts. All K-fans have a minimum 25 mm long spigot connections.

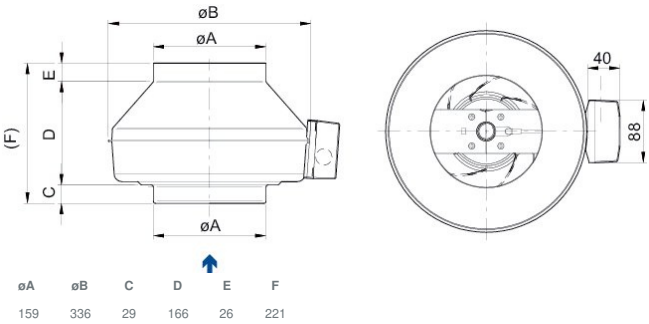
The fans have backward-curved blades and external rotor motors. To simplify the installation the K Sileo fan has a fixing bracket together with screws for mounting the bracket included as standard. The FK mounting clamp facilitates easy installation and removal, and prevents the transfer of vibration to the duct. The fans can be speed-controlled...

Find more details in our online catalogue

Technical parameters

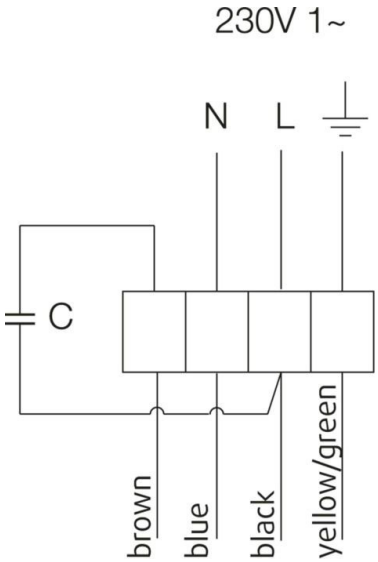
Nominal data		
Voltage (nominal)	230	V
Frequency	50	Hz
Phases	1~	
Input power	102	W
Input current	0.447	A
Impeller speed	2,539	rpm
Air flow	max 749	m³/h
Capacitance of capacitor	2.5	µF
Temperature of transported air	max 70	°C
Max temperature of transported air, when speed controlled	70	°C
Sound data		
Sound pressure level at 3m (20m² Sabin)	46	dB(A)
Protection/Classification		
Enclosure class, motor	IP44	
Insulation class	F	
Data according to ErP		
Energy class, Basic unit	E	
Energy class, Local demand	C	
ErP ready	ErP 2016; ErP 2018	
Dimensions and weights		
Duct dimension; Circular, inlet	160	mm
Duct dimension; Circular, outlet	160	mm
Weight	4	kg
Others		
Duct connection type	Circular	
Motor type	AC	

Dimension

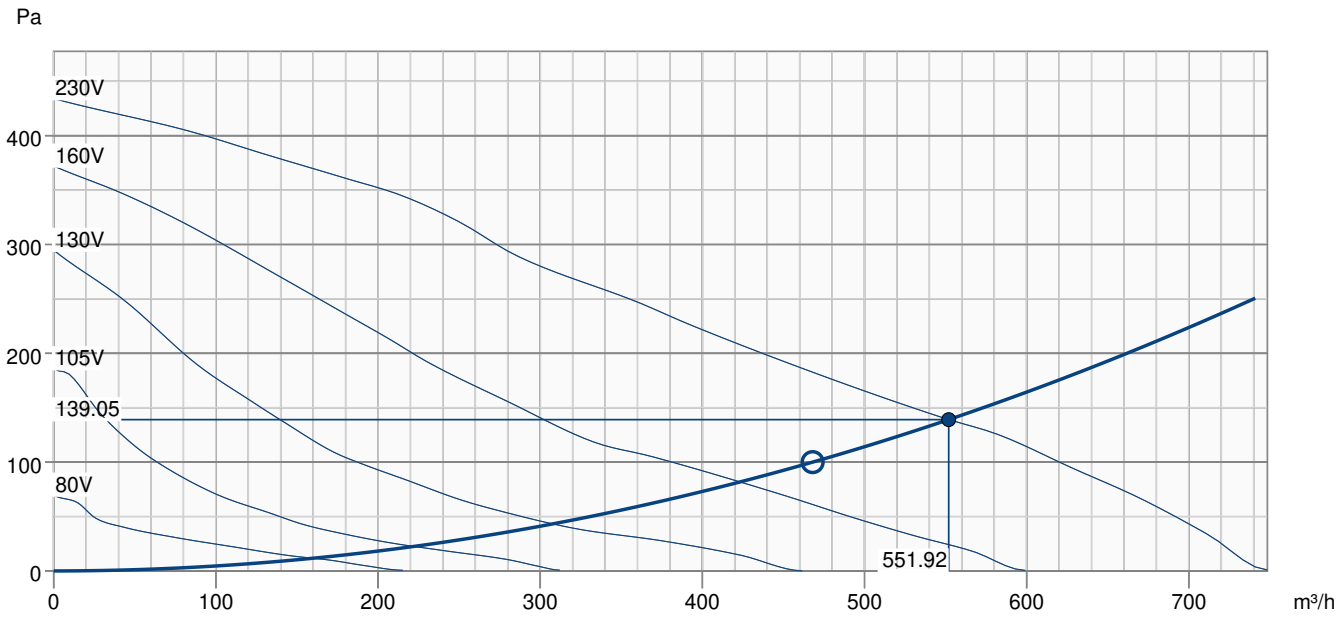


øA	øB	C	D	E	F
159	336	29	166	26	221

Wiring



Performance curve



Hydraulic data	
Required air flow	468 m³/h
Required static pressure	100 Pa
Working air flow	552 m³/h
Working static pressure	139 Pa
Air density	1.204 kg/m³
Power	102.1 W
Fan control - RPM	2539 rpm
Current	0.40 A
SFP	0.666 kW/m³/s
Control voltage	230.0 V
Supply voltage	230 V

Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	49	68	64	70	69	64	60	52	75
Outlet	dB(A)	55	78	62	71	65	61	55	46	79
Surrounding	dB(A)	11	26	33	48	47	47	43	31	53
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	46
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	32

Accessories

Frequency converter FRQ5SE-6A (37421)
RE 1,5 Speed control (5000)
REPT 6 Digital regulator (5698)
REU 1.5 Speed control (5004)
SG 160 Protection guard (5608)
CO2RT-R-D Transmitter (6993)
Frequency converter FRQSE-6A (37419)
Presence detector/IR24-P (6995)
Safety switch 2-pole grey (210679)
CB 160-1,2 230V/1 Duct heater (5291)
CB 160-2,7 230V/1 Duct heater (5382)
CBM 160-2,1 230V/1 Duct heater (5482)
CWK 160-3-2,5 Duct cooler,circ (30022)
FGR 160 Filter cassette (1809)
LDC 160-300 Silencer (53108)
LDC 160-900 Silencer (5193)
THB 160 Hood w.cover pl. black (1764)
VBC 160-2 Water heating batt (5458)
VBF 160 Water heating battery (1731)
IGK-160 Wall Grid (1632)
REE 1 Speed control (5314)
RETP 6 Temp/Pressure regulator (32293)
REV-3POL/03-7,5kW R/Y (33978)
VKK-160 Back draft damper (1625)
DTV500A (96807)
HR1 Room Humidistat (215150)
RT 0-30 Room Thermostat (5151)
T 120 Timer (5165)
CB 160-2,1 230V/1 Duct heater (5292)
CB 160-5,0 400V/2 Duct heater (5383)
CBMF 160-2,1 230V/1 Duct heate (12244)
FFR 160 Filter cassette (1770)
FK 160 Fast clamp (1610)
LDC 160-600 Silencer (5192)
RSK-160 Back draft damper (5601)
THS 160 Hood w.cover pl. black (1839)
VBC 160-3 Water heating batt (9840)
Room hygrostat HR-S (286251)

Documents

INSTALLATION__OPERATION_AND_MAINTENANCE_INSTRUCTION_K__KV__PRIO__EN_006.PDF

K fan mounting.wmv